Tel: (615) 255-2288 Fax: (615) 256-8332

May 8, 2001

27-19071.001



Ms. Beth Guymes
U.S. Army Corps of Engineers, Vicksburg District
ATTN: CEMVK-OD-F
4155 Clay Street
Vicksburg, MS 39183-3435

## Dear Ms. Guymes:

On behalf of Arvin Meritor, Inc. and Grenada Manufacturing, LLC, we request your review of a proposed construction site for a determination of the presence of wetlands and, if wetlands are present, for identification of applicable permit requirements (if any). Similarly, we request your review for applicable permit requirements (if any) related to construction in a floodplain. The proposed construction area is located in Grenada County near Grenada, Mississippi on State Highway 332. A vicinity map, a site map, and the National Wetlands Inventory map are enclosed, along with a fact sheet that provides the necessary project information.

The proposed construction is to include a subsurface permeable reactive barrier for in situ treatment of groundwater impacted by the site. The flow-through wall will be installed using a slurry trench construction method. Related activities will include a gravel road for access to the work area, a work platform to provide support for construction equipment, and placement of a small volume of clean fill to regrade an existing surface water drainage ditch that discharges into Riverdale Creek. This interim measure remediation is being conducted by Arvin Meritor (as a former site owner/operator) under the RCRA Corrective Action Program in accordance with the Hazardous and Solid Waste Amendment (HSWA) Permit held by Grenada Mfg. The project is being performed with oversight by the USEPA Region IV and MDEQ. However, this is not a CERLCA site. If necessary, you may contact the USEPA Project Manager, Mr. Donald Webster, at (404) 562-8469.

Please note that neither Arvin Meritor nor Grenada Mfg. currently own the property that encompasses the southern portion of the project site. However, Arvin Meritor is in the process of obtaining an access agreement with the property owner that will allow the specified activities.

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Thank you for your attention to this matter. Please call if you have any questions. We are interested in performing construction during the summer of 2001 and would appreciate any efforts possible to turn this around quickly so that we can go forward with our plans.

Sincerely,

**BROWN AND CALDWELL** 

Dale R. Showers, P.E.

Project Manager

Design and Solid Waste

Robert E. Ash IV, P.E.

Department Manager

Design and Solid Waste

cc:

John Bozick, Arvin Meritor Don Williams, Grenada Mfg.

John Kandler, Textron Automotive

## JURISDICTIONAL DETERMINATION

Site Name/Owner: Grenada Manufacturing, LLC

Address: 635 Highway 332

Grenada, MS 38901

Point of Contact: Mr. Don Williams

Telephone Number: (662) 226-1161

Alternate Point of Contact: Mr. John Bozick

Arvin Meritor, Inc.

(248) 435-7908

County/State: Grenada County, Mississippi

Nearest City or Town: Grenada, Mississippi

Project Name/Title: Interim Groundwater Measure - Permeable Reactive Barrier

Nearest Water Body (lake, river, creek, swamp, and marsh): Riverdale Creek is located approximately 0.25 mile west of the main plant and is adjacent to the project area. Lowlying wet areas are located in the general vicinity of the facility. According to the FEMA map for Grenada County, the entire site is located within the 100-year floodplain. Grenada Lake is located approximately 2 miles east of the property. The Batupan Bogue River is located about 1 mile south of the property and the Yalobusha River is located about 1 mile southwest of the facility. Please refer to the attached USGS topographic map.

Nature of Activity: Construct a subsurface permeable reactive barrier consisting of a mixture of sand and granular iron on west side of property. The subsurface permeable wall will be about 1,200 feet long, 50 feet deep, and 3 feet wide and will be installed using a slurry trench construction method. An access road and work platform will likely be necessary. The wall will cross an existing stormwater drainage ditch and will require a portion of the ditch bottom to be regraded (filled approximately 2 feet to above the top of the subsurface wall). Additional groundwater monitoring wells will also be installed. It is not clear whether any of these activities will be performed in a wetlands area.

Purpose of the Proposed Project: To treat groundwater impacted by volatile organic compounds (e.g., trichloroethylene, vinyl chloride, and toluene) and metals (e.g., chromium). Project is being performed under the RCRA Corrective Action Program in accordance with the facility HSWA Permit.

## JURISDICTIONAL DETERMINATION (con't.)

Kind of Equipment to be Used: The selected contractor will decide on the exact equipment to be used. Anticipate the use of an excavator (trackhoe) for trench excavation, wheel/track loader to haul soil and backfill, wheel/track dozer for grading, hoppers and mixers to mix sand and iron.

Date Construction is to Begin: Not yet determined; anticipating July to October 2001. Vicinity/Location Map Showing the Project Location and Boundaries: See attached topographic maps.

Topographic Survey With Section, Township, and Range: See attached maps.

Grading Plan: Final grade will match existing, pre-construction grade except in western half of existing stormwater drainage ditch where the bottom elevation will be increased approximately 2 feet. The access road and work platform may also be left in place.

Site Development Plan and/or Conceptual Plan for the Property: The property will not be developed as a part of this project. The permeable reactive barrier will be installed below ground surface and access roads and work platforms will be removed prior to demobilization from the site, if required.

Wetlands Map: The portion of the National Wetlands Inventory Map for the Grenada quadrangle that covers the project area is attached.



